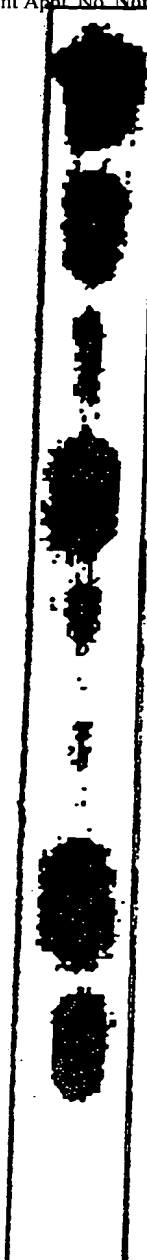


FIGURE 3

Name of ASO	1	2	3	4	5	6	7	8	9
Motif containing	-	-	0796	2755	1906	2350	3004	3208	3466
LPS stimulation	-	-	No	Yes	Yes	Yes	Yes	Yes	Yes
TNF- α inhibition	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	-	-	48%	92%	80%	18%	77%	8%	No

TNF- α mRNA

18S rRNA



1 gaattccggg tgatttcaact cccgggtgtc caggcttgtc ctgtacccc accagcctt
61 tcctgaggcc tcaagcctgc caccaagccc ccagctcctt ctccccgag gacccaaaca
121 caggcctcag gactcaaac agcttttccc tccaaccgt tttctctccc tcaacggact
181 cagctttctg aagcccctcc cagttctagt tctatctttt tcctgcatcc tgtctggaag
241 ttagaaggaa acagaccaca gacctgttcc ccaaaagaaa tggaggcaat aggttttgag
301 gggcatgGGG Acgggggttca gctcccaggg tcctacacac aaatcagtca gtggcccaga
361 agacccccct cggaatcggg gcaGGAGgga tgGGAGtgt gaggggtatc ctgatgctt
421 gtgtgtcccc aactttccaa atccccgccc ccgcatgga gaagaaaccg agacagaagg
481 tgcaggggccc actaccgctt cctccagatg agctcatggg tttctccacc aaggaaagttt
541 tccgctggtt gaatgattct ttccccgccc tcctctcgcc ccaGGACat ataaaggcag
601 ttgttggcac acccagccag cagacgtctc ctcagcaagg acagcagagg accagctaag
661 aGGAGagaa gcaactacag accccccctg aaacaaccc tcagacgcca catccccga
721 caagctgcca ggcaggttct ctctctctca catactgacc cacggcttca cctctctcc
781 cctggaagg acaccatgag cactgaaagc atgatccGGG Acgtggagct ggccgaggag
841 gcgctcccca agaagacagg ggggccccag ggctccaggc ggtgcttgtt cctcagcctc
901 ttctccttcc tgatcgtggc aggcgccacc acgctcttct gcctgctgca ctttgagtg
961 atcgggcccc agaGGAaga ggtgagtgcc tggccagcct tcaccactc tcccacccaa
1021 gGGAaatga gagacgcaag agatGGAtg ggtgaaagat ggtcgctgat
1081 aGGAGGGAT gagagagaaa gaaagacgGG Gatgcagaaa gagatgtggc
1141 aagagatgGG GAagagagag agagaaaagt ggtgctggc acatggaagg
1201 tgctcactaa gtgtgtatgg agtgaatgaa tgaaatgaatg aatgaacaag cagatatata
1261 aataagatat ggagacagat gtggggtgtg agaagagaga tggGGAaga aacaagtgat
1321 atgaataaag atggtgagac agaaagagcG GGAaatatga cagctaagga gagagatggg
1381 ggagataaagg agagaagaag atagggtgtc tggcacacag aagacactca GGAaagagc
1441 tgttgaatgc tggaaggtga atacacagat gaatggagag agaaaaccag acacctcagg
1501 gctaagagcg caggccagac aggcagccag ctgttctctc ttaaggggtg actccctcga
1561 tgtaaaccat tctccttctc cccaacagtt cccaGGAC ctctctctaa tcagccctct

Fig. 4A

1621 ggcccaggca gtcagtaagt gtctccaaac ctctttccta attctgggtt tgggtttggg
1681 ggtagggtta gtaccggtat ggaagcagtg gGGAaattt aaagttttgg tcttgGGA
1741 ggaaggatgg aggtgaaagt aggggggtat tttctaggaa gtttaagggt ctcagctttt
1801 tcttttctct ctcctcttca ggtatcatctt ctcgaaacccc gagtgacaag cctgtagccc
1861 atgttgtagg taagagctct gaggatgtgt gaggaaactt cttggaactt ggagggctag gatttgGGA
1921 ttgaagcccc gtgatggtta ggcagaactt ggcagaactt ggagacaatg tgagaaggac tcgctgagct
1981 caaGGAagg gtggaggaaG Ggagagggac agcacaggcc ttagtGGAt actcagaacg tcatggcccag
2041 gtGGGAtgtG GGAtgacaga cagagaggac cagagaggga aggaaccgga tgtggggtgg gcagagctcg
2101 agggccaggga tgtggagagt gaaccgacat gaccacactg ggtggtgggtgg actctctct cctctctcc
2161 ctccctccag caaacctca agctgagggg cagctccagt ggtgaaacg cggggccaat
2221 gccctcctgg ccaatggcgt ggagctgaga gataaccagc tgggtgtgcc atcagagggc
2281 ctgtacctca tctactcca ggtcctcttc aagggccaaag gctgccctc caccatgtg
2341 ctctcacc ccacatcag ccgcatcgcc gtctctacc accccaggg agacctcctc
2401 tctgccatca agagccctg ccagaGGAg Aggggtcttc cagctggaga ggcaggtcta ctttGGAtc
2461 tatgagccca tctatctGGG tctcgacttt tctcgacttt gctccctg gccctccctg ccccaatccc
2521 gagatcaatc ggcccgacta gaggaggacg aacatccaa cctctcttg ctcaaaaaga gaattggggg
2581 attgccctgt gaggaggacg cctcctcag acacctcaa ttagaacttt aagcaacaag accacctt cgaaacctgg
2641 tttattacc cctcctcag gaacccaagc tgtgtggcct gcacagtga gctgctggcaa cactaagaa tctggagacc
2701 cttagggctc gactactggg gacttaggc gacattaggc cttcctctct caggacttga gaagacctca cctagaaatt
2761 gattcaggaa actcactggg gactacagct gcatacagct cagaaatgctg ccagacttcc ttgagacacg
2821 ggcctccaga tggttctggc gacattaggc gacattaggc cttcctctct cagacttga gaagacctca cctagaaatt
2881 aGGAaggcctt gacacaagt gacacaagt gacacaagt gacacaagt gacacaagt gacacaagt gacacaagt
2941 gacacaagt gacacaagt gacacaagt gacacaagt gacacaagt gacacaagt gacacaagt gacacaagt
3001 gagccccagc cccccatgg agccagctcc ctcctattat atgaatgtat gtttgcactt gtgattattt
3061 attatttatt tattattat tattattat tattattat tattattat tattattat tattattat tattattat
3121 tcctggGGA cccaatgtag gagctgcctt ggctcagaca ggttttccgt gaaaacggag
3181 ctgaacaata ggctgttccc atgtagcccc ctggcctctg tgccttcttt tgattatgtt

Fig. 4B

3241 ttttaaaata tttatctgat taagttgtct aaacaatgct gatttggtga ccaactgtca
3301 ctcatctgctg agcctctgct cccagGGGA gttgtgtctg taatcgccct actattcagt
3361 ggcgagaaat aaagtttgct tagaaaagaa acatggtctc ctcttgga ttaattctgc
3421 atctgcctct tcttggtgggt GGGAagaagc tccctaagtc ctctctccac aggcctttaag
3481 atccctcga ccagtccta tccttagact cctaggccc tggagaccct acataaacia
3541 agcccaacag aatattcccc atccccagg aaacaagagc ctgaacctaa ttacctctcc
3601 ctcagggcat GGGAatttcc aactctGGGA attc

Fig. 4C



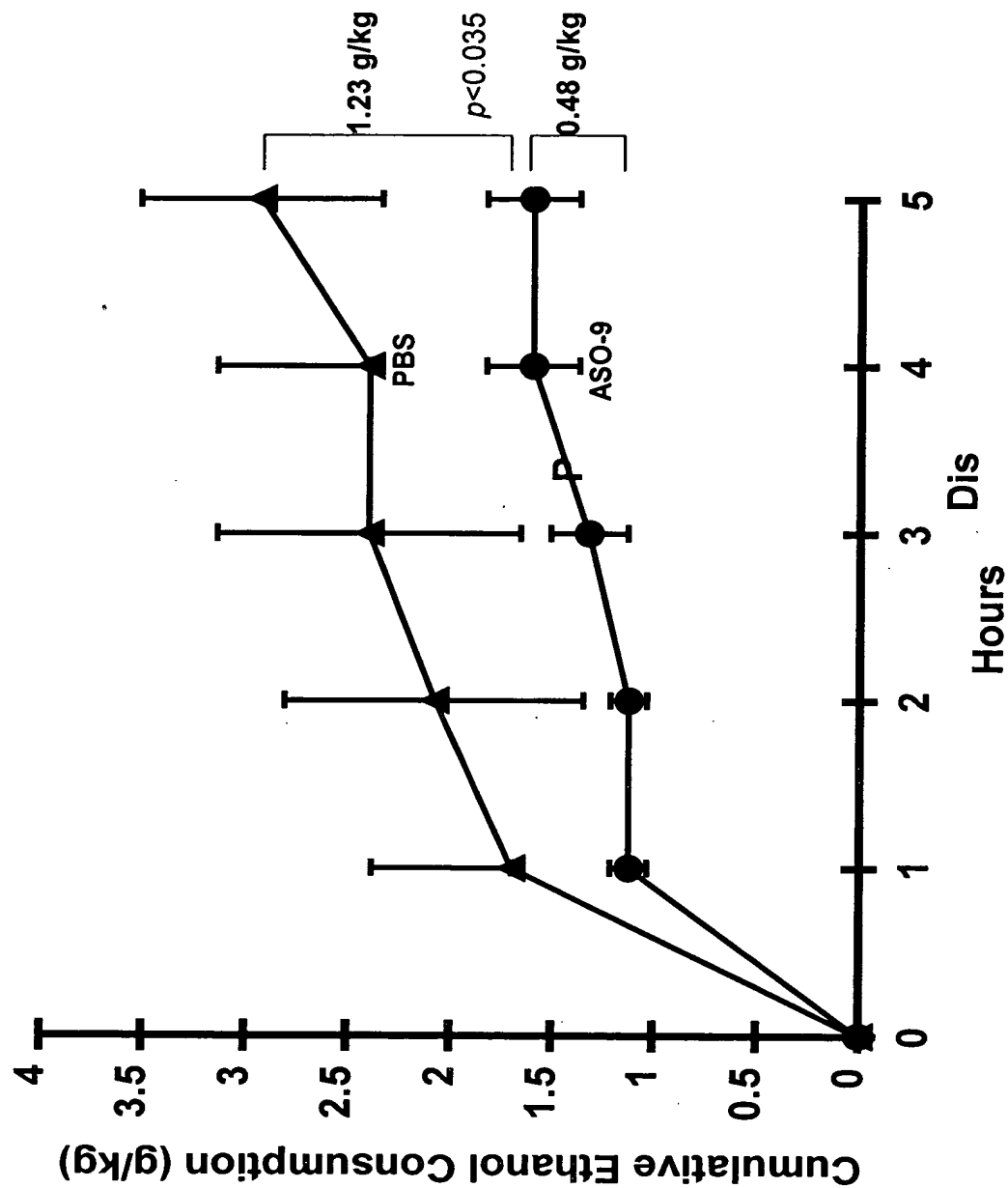
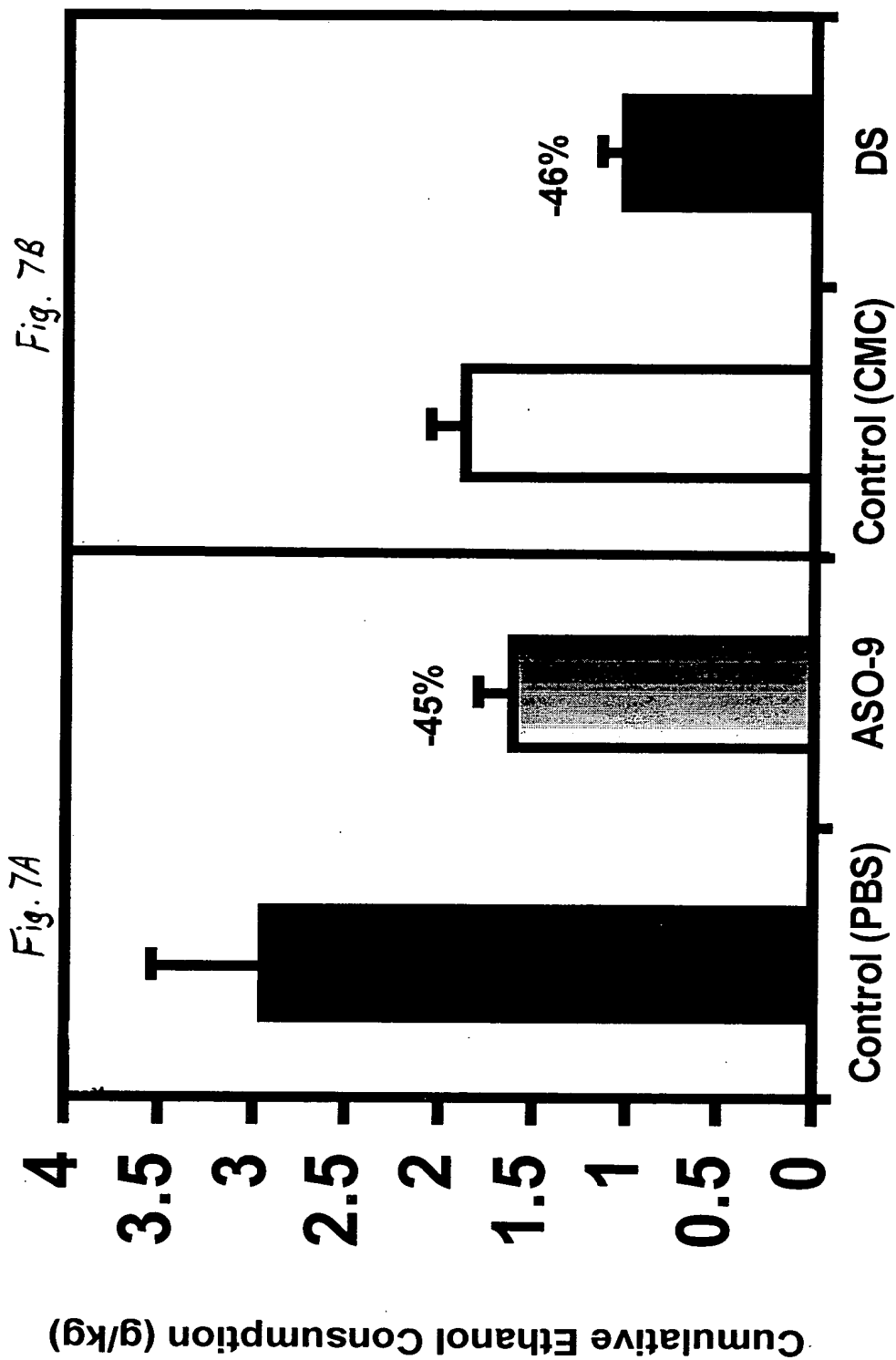


FIGURE 6

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Fig. 8A

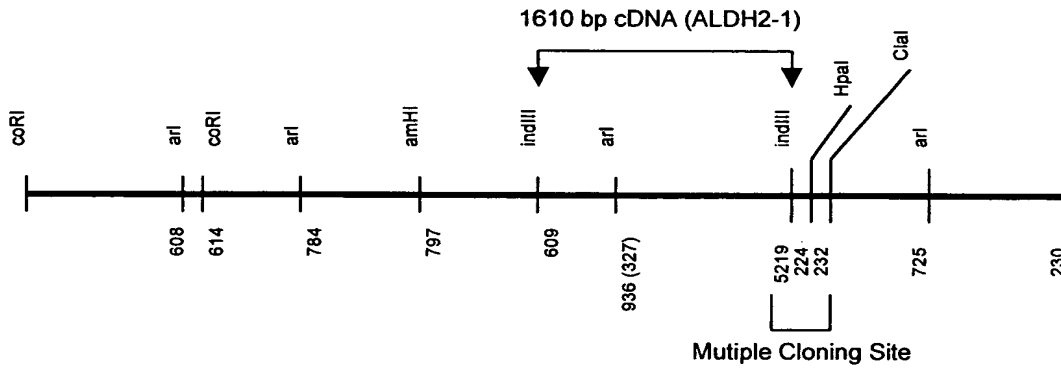
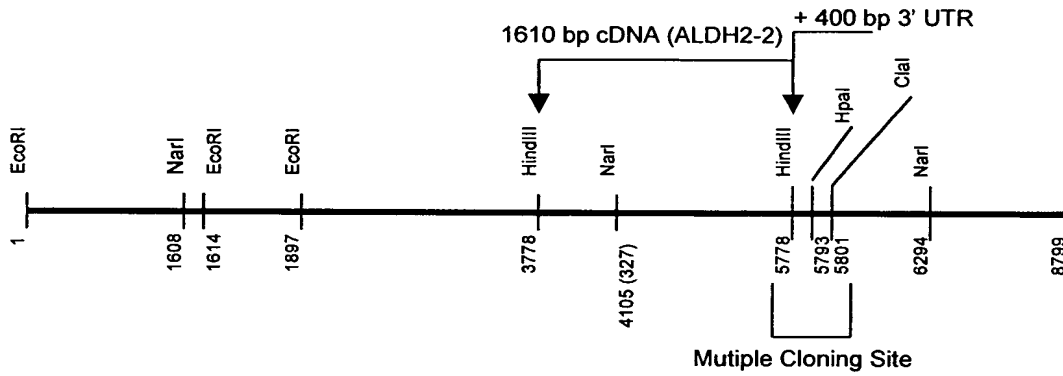


Fig. 8B



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FIGURE 9

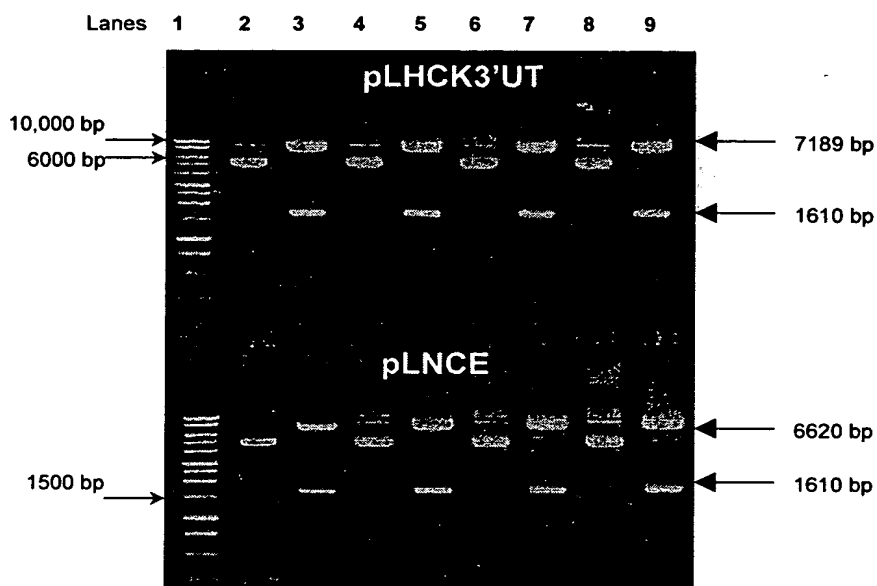
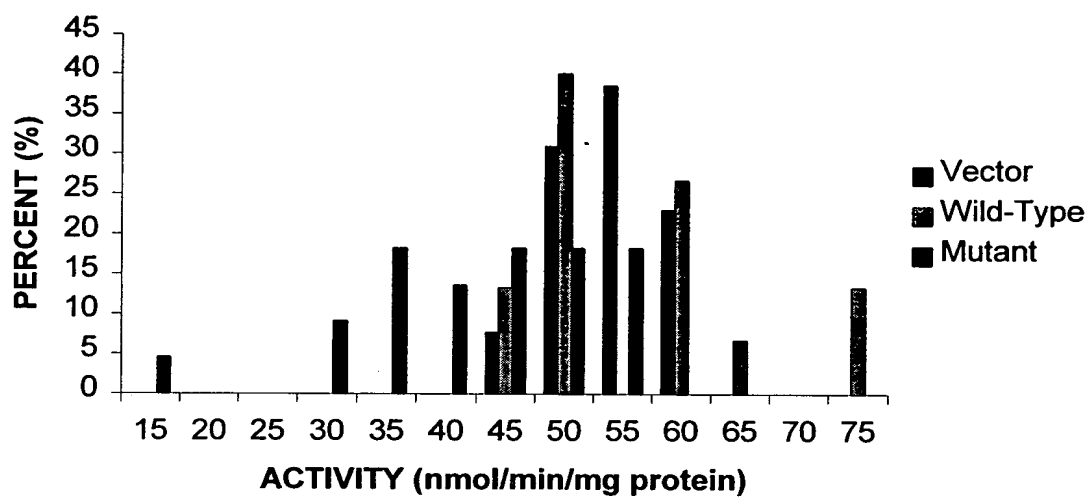


FIGURE 10^{12/14}

H4-II-E-C3 TRANSDUCTION



GCTTTATCTG	CTAAGCTCCG	CTCAGTTCAG	CATGCTGCGC	GCCGCACTCA
GCACCGCCCG	CCGTGGGCCA	CGCCTGAGCC	GCCTGCTGTC	CGCCGCCGCC
ACCAGCGCGG	TGCCAGCCCC	CAACCAGCAG	CCCGAGGTCT	TCTGCAACCA
GATCTTCATT	AACAATGAGT	GGCATGATGC	TGTCAGCAAG	AAAACATTCC
CCACCGTCAA	CCCTTCCACG	GGGGAGGTCA	TCTGCCAGGT	AGCCGAAGGG
<u>AACAAGGAGG</u>	<u>ACGTAGACAA</u>	GGCAGTGAAG	GCCGCTCAGG	CAGCCTTCCA
GCTGGGCTCG	CCCTGGCGCC	GCATGGATGC	ATCTGACAGG	GGCCGGCTGT
TGTACCGATT	GGCTGATCTC	ATCGAACGGG	ACCGGACCTA	CCTGGCGGCC
TTGGAGACCC	TGGACAACGG	CAAGCCTTAT	GTCATCTCCT	ACCTGGTGGA
TTTGGACATG	GTTCTGAAAT	GTCTCCGCTA	TTATGCTGGC	TGGGCTGACA
AGTACCACGG	GAAAACCAT	CCCATCGATG	GCGACTTCTT	CAGCTACACC
CGCCACGAGC	CTGTGGGCGT	GTGTGGACAG	ATCATTCCGT	GGAACCTCCC
GCTCCTGATG	CAAGCCTGGA	AGCTGGGCCC	TGCCTTGGA	ACTGGAAACG
TGGTGGTGAT	GAAAGTGGCC	GAGCAGACAC	CGCTCACTGC	ACTCTACGTG
GCCAACTTGA	TCAAGGAGGC	AGGCTTCCCC	CCTGGTGTGG	TCAATATTGT
TCCTGGATT	GGCCCTACCG	CCGGGGCTGC	CATCGCGTCC	CACGAGGATG
TGGACAAAGT	GGCCTTCACA	GGTTCCACTG	AGGTTGGTCA	CCTAATCCAG
GTTGCCGCCG	GGAGCAGCAA	TCTCAAGAGA	GTAACCCTGG	AACTGGGGGG
AAAGAGCCCC	AATATCATCA	TGTCAGACGC	TGACATGGAC	TGGGCTGTGG
AACAGGCCCA	CTTTGCCCTG	TTCTTCAACC	AGGGCCAGTG	CTGTTGTGCG
GGCTCCC	GGA	GGAGGATGTG	TATGATGAAT	TCGTGGAACG
CAGTGTGGCC	CGGGCCAAGT	CTCGGGTGGT	CGGGAACCCT	TTCGACAGCC
GGACGGAGCA	GGGGCCGCAG	GTGGATGAGA	CTCAGTTTAA	GAAGATCCTG
GGCTATATCA	AGTCAGGACA	ACAAGAAGGG	GCGAAGCTGC	TGTGCGGTGG
GGGCGCCGCC	GCAGACCGTG	GTTACTTCAT	CCAGCCCACC	GTGTTCCGAG
ACGTCAAAGA	TGGCATGACC	ATCGCCAAGG	AGGAGATCTT	CGGACCAGTG
ATGCAGATCC	TCAAATTCAA	GACCATTGAG	GAGGTTGTGG	GGCGAGCCAA
TAATTCCAAG	TACGGGCTGG	CTGCCGCTGT	CTTCACAAAG	GACCTGGACA
AGGCCAATTA	CCTGTCCCAA	GCTCTGCAGG	CTGGGACTGT	GTGGATCAAC
TGCTACGATG	TGTTTGGGGC	CCAGTCCCCA	TTTGGTGGCT	ATAAGATGTC
GGGGAGCGGC	AGGGAGCTGG	GCGAGTATGG	CCTGCAGGCC	TACACGGAAG
TGAAGACGGT	CACCGTCAAA	GTGCCACAGA	AGAACTCGTA	AAGTGCGCTG
CAGGCTTCCT	CAGCCAGCGC	CCAAAAACCC	AACAAGATCC	TGAGAAAAGC
CACCACCAAG	CACACTGCGC	CTGCCAAGAG	AAAACCCCTT	CACCAAAGCG
TCTTGGGCCA	AGAAAGTCAG	GATTTGATAA	ACAGGGCAGG	GTTGGTGGGC
GGTGTGTGGG	GAGCATCCCA	GTAAACTGGG	GAAGGGAGGA	GCTCTGTGCA
GACTACCACG	CGCACGCACA	CACGCTCACT	GGGTCCTTCT	GTGCTGGATG
CTGGTTCCAC	CCTCAGTGCT	TAAACAAATG	AGCAATAAA	

Fig. 11

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GCTCTCGGTC	CGCTCGCTGT	CCGCTAGCCC	GCTGCGATGT	TGCGCGCTGC
CGCCGCTCGG	GCCCCGCTGT	GCCGCCGCCT	CTTGTCAGCC	GCCGCCACCC
AGGCCGTGCC	TGCCCCCAAC	CAGCAGCCCG	AGGTCTTCTG	CAACCAGATT
TTCATAAACA	ATGAATGGCA	CGATGCCGTC	AGCAGGAAAA	CATTCCCCAC
CGTCAATCCG	TCCACTGGAG	AGGTCATCTG	TCAGGTAGCT	GAAGGGGACA
AGGAAGATGT	GGACAAGGCA	CGTGAAGGCC	GCCCGGGCGC	CTTCCAGCTG
GGCTCACCTT	GGCGCCGCAT	GGACGCATCA	CACAGCGGCC	GGCTGCTGAA
CCGCCTGGCC	GATCTGATCG	AGCGGGACCG	GACCTACCTG	GCGGCCTTGG
AGACCCTGGA	CAATGGCAAG	CCCTATGTCA	TCTCCTACCT	GGTGGATTTG
GACATGGTCC	TCAAATGTCT	CCGGTATTAT	GCCGGCTGGG	CTGATAAGTA
CCACGGGAAA	ACCATCCCCA	TTGACGGAGA	CTTCTTCAGC	TACACACGCC
ATGAACCTGT	GGGGGTGTGC	GGGCAGATCA	TTCCGTGGAA	TTTCCCGCTC
CTGATGCAAG	CATGGAAGCT	GGGCCAGGCC	TTGGCAACTG	GAAACGTGGT
TGTGATGAAG	GTAGCTGAGC	AGACACCCCT	CACCGCCCTC	TATGTGGCCA
ACCTGATCAA	GGAGGCTGGC	TTTCCCCCTG	GTGTGGTCAA	CATTGTGCCT
GGATTTGGCC	CCACGGCTGG	GGCCGCCATT	GCCTCCCATT	AGGATGTGGA
CAAAGTGGCA	TTCACAGGCT	CCACTGAGAT	TGGCCGCGTA	ATCCAGGTTG
CTGCTGGGAG	CAGCAACCTC	AAGAGAGTGA	CCTTGAGAGCT	GGGGGGGAAG
AGCCCCAACA	TCATCATGTC	AGATGCCGAT	ATGGATTGGG	CCGTGGAACA
GGCCCACTTC	GCCCTGTTCT	TCAACCAGGG	CCAGTGCTGC	TGTGCCGGCT
CCCGGACCTT	CGTGCAGGAG	GACATCTATG	ATGAGTTTGT	GGTGCGGAGC
GTTGCCCGGG	CCAAGTCTCG	GGTGGTCGGG	AACCCCTTTG	ATAGCAAGAC
CGAGCAGGGG	CCGCAGGTGG	ATGAAACTCA	GTTTAAGAAG	ATCCTCGGCT
ACATCAACAC	GGGGAAGCAA	GAGGGGGCGA	AGCTGCTGTG	TGGTGGGGGC
ATTGCTGCTG	ACCGTGTTTA	CTTCATCCAG	CCCCTGTGT	TTGGAGATGT
GCAGGATGGC	ATGACCATCG	CCAAGGAGGA	GATCTTCGGG	CCAGTGATGC
AGATCCTGAA	GTTCAAGACC	ATAGAGGAGG	TTGTTGGGAG	AGCCAACAAT
TCCACGTACG	GGCTGGCCGC	AGCTGTCTTC	ACAAAGGATT	TGGACAAGGC
CAATTACCTG	TCCCAGGCCC	TCCAGGCGGG	CACTGTGTGG	GTCAACTGCT
ATGATGTGTT	TGGAGCCCAG	TCACCCTTTG	GTGGCTACAA	GATGTCGGGG
AGTGGCCGGG	AGTTGGGCGA	GTACGGGCTG	CAGGCATACA	CTGAAGTGAA
AACTGTCACA	GTCAAAGTGC	CTCAGAAGAA	CTCATAAGAA	TCATGCAAGC
TTCTTCCCTC	AGCCATTGAT	GGAAAGTTCA	GCAAGATCAG	CAACAAAACC
AAGAAAAATG	ATCCTTGCGT	GCTGAATATC	TGAAAAGAGA	AATTTTTTCCT
ACAAAATCTC	TTGGGTCAAG	AAAGTTCTAG	AATTTGAATT	GATAAACATG
GTGGGTGGC	TGAGGGTAAG	AGTATATGAG	GAACCTTTTA	AACGACAACA
ATACTGCTAG	CTTTCAGGAT	GATTTTTTAA	AAATAGATTC	AAATGTGTTA
TCCTCTCTCT	GAAACGCTTC	CTATAACTCG	AGTTTATAGG	GGAAGAAAAA
GCTATTGTTT	ACAATTATAT	CACCATTAAG	GCAACTGCTA	CACCCTGCTT
TGTATTCTGG	GCTAAGATTC	ATTAAAAACT	AGCTGCTCT	

Fig. 12